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PTO/SB/05 (4982)
Approved for use through 09/30/2000, OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 042390.P8123
		First Inventor or Application Identifier Brian Doyle
		Title QUANTUM WIRE GATE DEVICE AND METHOD OF MAKING SAME
		Express Mail Label No. EL414970584US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 29] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 8]</p> <p>4. Oath or Declaration [Total Pages 3] a. <input type="checkbox"/> Newly executed (original copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).</p>		
<p>5. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i></p> <p>6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy <i>(identical to computer copy)</i>c. <input type="checkbox"/> Statement verifying identity of above copies		
ACCOMPANYING APPLICATION PARTS		
<p>7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</p> <p>9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO - 1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>13. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>15. <input type="checkbox"/> Other:</p>		

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:
 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____ Group/Art Unit: _____

For **CONTINUATION or DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number of Bar Code Label		<input type="checkbox"/> (Insert Customer No. or Attach bar code label here)		<input checked="" type="checkbox"/> Correspondence address below	
Name	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP				
Address	12400 Wilshire Boulevard, Seventh Floor				
City	Los Angeles	State	California	Zip Code	90025
Country	U.S.A.	Telephone	(503) 684-6200	Fax	(503) 684-3245

Name (Print/Type) Robert A. Diehl, Reg. No. 40,992

Signature 

Date 03/01/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (6/99)

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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT **(\\$)** **1,092.00**

Complete if Known

Application Number	
Filing Date	March 1, 2000
First Named Inventor	Brian Doyle
Examiner Name	
Group/Art Unit	
Attorney Docket No.	042390.P8123

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

Charge Any Additional Fees Required Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

2. Payment Enclosed:

• Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	Code	Code	Fee		
101	690	201	345	Utility filing fee	\$690.00	
106	310	206	155	Design filing fee		
107	480	207	240	Plant filing fee		
108	690	208	345	Reissue filing fee		
114	150	214	75	Provisional filing fee		
SUBTOTAL (1)		(\\$)		690.00		

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
38	4	20 - 3 = 18	X 18.00 =	\$324.00
		1 X 78.00 =		\$78.00

Multiple Dependent

**or number previously paid, if greater. For Reissues, see below

Large Entity

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description
Code	Code	Code	Code	Fee	
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple Dependent claim, if not paid	
109	78	209	39	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\\$)		402.00	

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code	Code	Fee	Fee	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,210	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\\$)

Complete (if applicable)

Typed or Printed Name	Robert A. Diehl	Reg. Number	40,992
Signature	<i>Robert A. Diehl</i>	Date	03/01/00

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